## **EAST Search History**

## EAST Search History (Prior Art)

| Ref#         | Hits  | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|--------------|-------|--|---|---------------------|---------|---------------------|
| L26          | 11    | (US-20050198106-\$ or US-<br>20050149609-\$ or US-<br>20040254984-\$ or US-<br>20040254984-\$ or US-<br>20030227392-\$ or US-<br>20030227392-\$ or US-<br>20020112198-\$).did. or (US-<br>646352-\$ or US-6374285-\$<br>or US-5261085-\$ or US-<br>7191357-\$ or US-5699501-<br>\$).did. | US-PGPUB;<br>USPAT  | ADJ                 | OS      | 2009/11/21          |
| L27          | 2030  | quorum   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/11/21<br>17:59 |
| L28          | 19827 | (conflict or fault or failure)<br>near2 tolerant   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/11/21<br>17:59 |
| L <b>2</b> 9 | 5489  | (conflict near2 resolution)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/11/21<br>17:59 |
| L30          | 96    | paxos  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/11/21<br>17:59 |
| L31          | 48054 | (distributed near2 computing)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/11/21<br>17:59 |
| L32          | 31834 | (vot\$4 or ballot)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/11/21<br>17:59 |
| L33          | 286   | L27 and L32  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2009/11/21<br>17:59 |

| L34 | 46185 | (conflict or fault or failure)<br>near2 (toleran\$4 or tolerat\$4<br>or proof or safe or resistan<br>\$4 or immun\$6) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|-----|-------|---|---|-----|----|---------------------|
| L35 | 83    | L33 and L34   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L36 | 76    | L33 and consensus   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L37 | 924   | idempoten\$4  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L38 | 203   | L31 and L37   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L39 | 2452  | (dominant near4 ident\$6)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L40 | 47    | L31 and L39   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L41 | 51887 | detect adj2 (failure or fault<br>or break\$6 or outage)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L42 | 92    | L41 near2 (monitoring device)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L43 | 3574  | 709/201.cds.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L44 | 2194  | 709/202.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|-----|-------|---------------|---|-----|----|---------------------|
| L45 | 11337 | 709/203.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L46 | 3406  | 709/204.cds.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L47 | 1829  | 709/205.cds.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L48 | 7661  | 709/206.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L49 | 1638  | 709/207.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L50 | 196   | L43 and L28   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L51 | 88    | L44 and L28   | US-RGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L52 | 303   | L45 and L28   | US-PGPUB;<br>USPAT; FPPS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L53 | 51    | L46 and L28   | US-RGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L54 | 62    | L47 and L28  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|-----|-------|--|---|-----|----|---------------------|
| L55 | 85    | L48 and L28  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L56 | 21    | L49 and L28  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L57 | 40925 | (propos\$4 or offer) near2<br>(command or value or<br>function or order or<br>instruction)               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L58 | 804   | L31 and L57  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L59 | 187   | L58 and (vot\$4 or ballot or quorum or referendum)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L60 | 130   | L59 and L34  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L61 | 12    | "7359959",pn.   "7277952".<br>pn.   "7076783".pn.  <br>"7020695",pn.   "6950833".<br>pn.   "6871222".pn. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L62 | 2     | "6279032".pn.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L63 | 261   | 714/100.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L64 | 1316 | 714/2.ccls.              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|-----|------|--------------------------|---|-----|----|---------------------|
| L65 | 888  | 714/11.ccls.             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L66 | 152  | 714/21.ccls.             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L67 | 427  | 714/31.ccls.             | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L68 | 26   | L31 and L63              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L69 | 80   | L31 and L64              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L70 | 59   | L31 and L65              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L71 | 15   | L31 and L66              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L72 | 24   | L31 and L67              | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L73 | 40   | quorum and 709/201.ccls. | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L74 | 19   | quorum and 709/204.ccls.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|-----|------|--|---|-----|----|---------------------|
| L75 | 12   | quorum and 709/205.cds.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L76 | 1139 | (higher or larger or<br>dominant) near2 (identifier)               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L77 | 10   | L76 and 709/201.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L78 | 11   | L76 and 709/204.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L79 | 3    | L76 and 709/205.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L80 | 1867 | (higher or larger or<br>dominant or greater) near2<br>(identifier) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L81 | 14   | L80 and 709/201.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L82 | 6    | L80 and 709/205.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L83 | 13   | L80 and 709/204.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L84 | 60    | (leader near4 dominant)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|-----|-------|--|---|-----|----|---------------------|
| L85 | 30    | (leader near4 overrid\$4)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L86 | 28    | (leslie near2 lamport).in.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L87 | 30    | moiin.in.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L88 | 186   | quorum same (vot\$4)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L89 | 27122 | 709/201-207.ccls.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L90 | 24    | L88 and L89  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L91 | 91    | L88 and ((fault near2 toler<br>\$6) or consensus)                    | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L92 | 53    | L91 and (@rlad<"20031230"<br>or @ad<"20031230" or<br>@pd<"20031230") | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L93 | 283   | quorum and vot\$4  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L94  | 97     | L93 and provisional\$4   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|------|--------|--|---|-----|----|---------------------|
| L95  | 5      | L93 and (provisional\$4 near2 execut\$6)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L96  | 179160 | (distributed or grid or cluster<br>\$4) near2 (comput\$6 or<br>system)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L97  | 3851   | L96 and vot\$6   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L98  | 879    | L97 and ((fault near2 toler<br>\$6) or consensus)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L99  | 423    | L98 and (client or system or<br>node or device or computer<br>or process\$4) near4<br>(identifier or "ID" or identity)               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L100 | 560    | L98 and (client or system or<br>node or device or computer<br>or process\$4) near4<br>(identifier or "ID" or identity<br>or address) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L101 | 55     | L100 and quorum  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L102 | 35     | L101 and<br>(@rlad<"20031230" or<br>@ad<"20031230" or<br>@pd<"20031230")   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L103 | 27122  | 709/201-207.cds.   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L104 | 2   | L103 and (dominant near4 identifier)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|------|-----|---|---|-----|----|---------------------|
| L105 | 51  | (dominant near4 identifier)   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L106 | 28  | (leslie near2 lamport).in.  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L107 | 297 | L103 and (higher or highest<br>or greater or greatest) near4<br>(ID or identifier)  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L108 | 49  | L103 and (higher or highest<br>or greater or greatest) near4<br>(client or node or device or<br>machine or processor) near4<br>(ID or identifier)     | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L109 | 52  | ((break\$4 near2 tie) or (tie?<br>breaker)) same ((client or<br>node or device or machine<br>or processor) near2 (ID or<br>identifier))               | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L110 | 73  | ((break\$4 near2 tie) or (tie?<br>breaker\$4)) same ((client or<br>node or device or machine<br>or processor) near2 (ID or<br>identifier or address)) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L111 | 22  | ((break\$4 near2 tie) or (tie?<br>breaker\$4)) same ((client or<br>node or device or machine<br>or processor) near2 address)                          | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L112 | 57  | L103 and ((break\$4 near2<br>tie) or (tie?breaker\$4))  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L113 | 43  | L112 and<br>(@rlad<"20031230" or<br>@ad="20031230" or<br>@pd<"20031230")  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | ADJ | ON | 2009/11/21<br>17:59 |

| L114 | 504 | ((conflict or fault) near2<br>(toleran\$4)) and ((higher or<br>highest or greater or<br>greatest) near4 (ID or<br>identifier)) | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
|------|-----|--|---|-----|----|---------------------|
| L115 | 35  | L103 and L114  | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L116 | 29  | L115 and<br>(@rlad<"20031230" or<br>@ad<"20031230" or<br>@pd<"20031230")   | US-PGPUB;<br>USPAT; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/11/21<br>17:59 |
| L117 | 0   | ((break\$4 near2 tie) or (tie?<br>breaker)) same (peer near2<br>(ID or identifier))  |   | ADJ | ON | 2009/11/21<br>17:59 |

## EAST Search History (Interference)

< This search history is empty>

## 11/21/2009 6:06:46 PM

C:\ Documents and Settings\ ssciacca\ My Documents\ EAST\ Workspaces\ 10750601 - Conflict fast consensus.wsp